

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

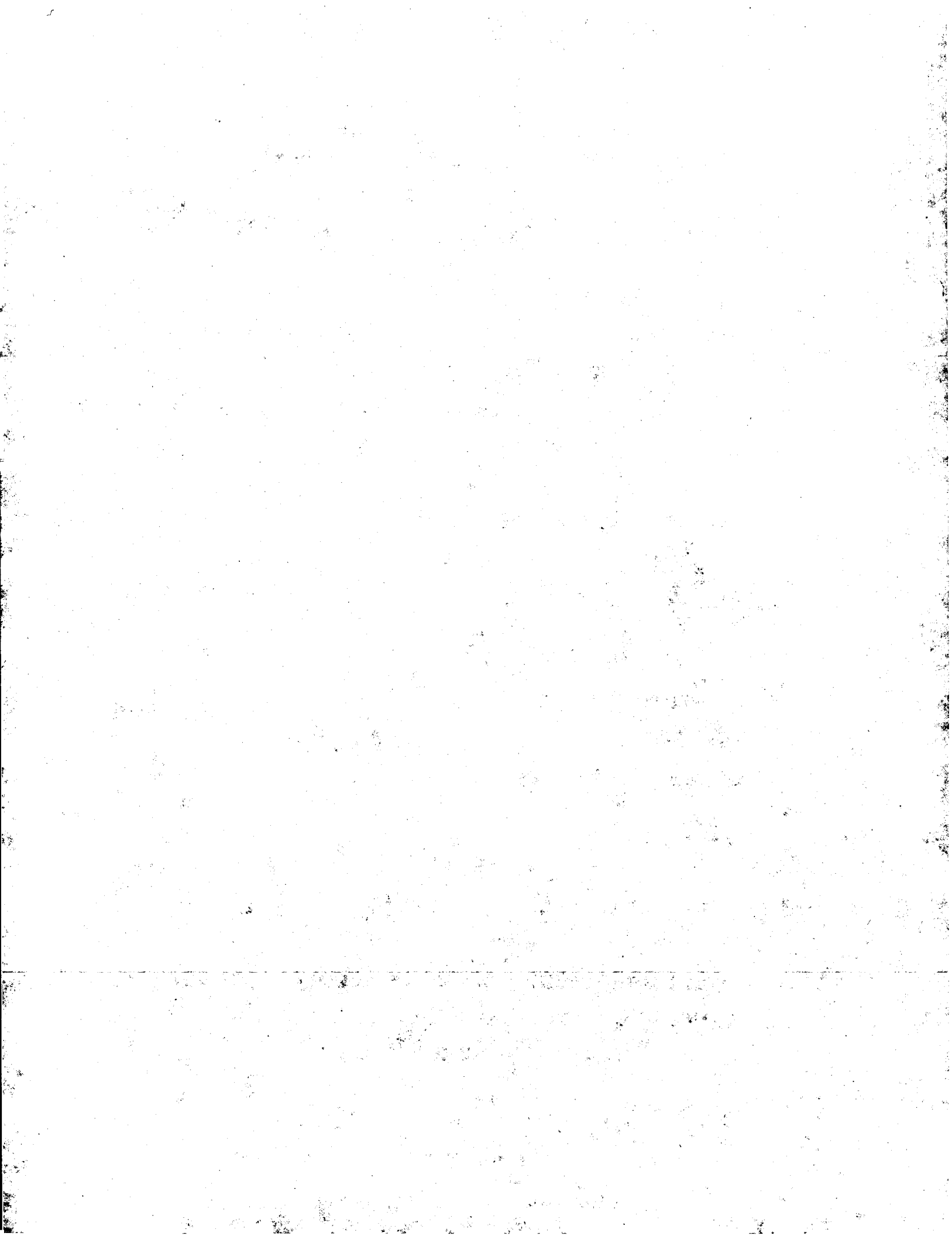
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-271597

(43)Date of publication of application : 21.10.1997

(51)Int.Cl.

D06F 35/00  
A47L 23/00

(21)Application number : 08-119482

(71)Applicant : YOSHIOKA MAYUMI

(22)Date of filing : 05.04.1996

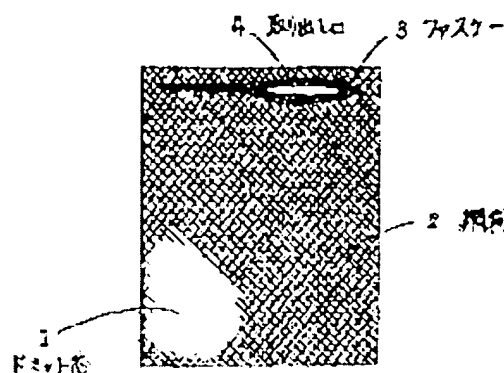
(72)Inventor : YOSHIOKA MAYUMI

## (54) NET BAG DEVICE FOR WASHING SPORT SHOES IN WASHING MACHINE

## (57)Abstract:

PROBLEM TO BE SOLVED: To dispensing with washing of shoes and the like by hand to thereby prevent generation of chapped skin in head by interposing a cushioning member made of cloth, cotton and the like between a front surface net and an inner surface net, and sewing together the nets, and forming a takeout opening with a fastener sewn as opening and closing means.

SOLUTION: A core member 1 is fitted to one side of a front surface net and to one surface of the core member 1 one surface of an inner surface net is fitted, and then they are sewn in a bag form. A takeout opening 4 having a fastener 3 sewn as opening and closing means is formed at this bag 2. Upon use, sport shoes or the like are put in the bag 2, then the bag 2 is thrown into a washing machine, and a mode selection is just carried out as usual. The core member 1 between the front and rear nets functions as a cushion member so that the washing is carried out without damaging both shoes and a washing tub. Furthermore, no mud sticking to the shoes does not come out of the bag 2 by the aid of the core member 1, thereby preventing damage in the washing machine.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C): 1998.2003 Japan Patent Office

\* NOTICES \*

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] A string bag with which cushion members (1), such as cloth and cotton, are pinched, this is sewn to saccate, and a fastener is sewn on as a closing motion means between a network (5) which becomes a side front, and a network (6) which becomes inside, which prepared output port (4) and which can wash sports shoes with a washing machine.

[Translation done.]

## \* NOTICES \*

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

## DETAILED DESCRIPTION

## [Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to the string bag which can wash easily the sports shoes to which the method only had washing by hand using the brush etc., slippers, shoes, etc. with a washing machine, without damaging a washing machine, shoes, etc. and which can wash sports shoes etc. with a washing machine.

[0002]

[Description of the Prior Art] Sports shoes, shoes, slippers, etc. were conventionally washed by hand using the brush etc. Therefore, when washed by hand, time and effort was taken, and it also became a hand dry area. Or when slippers were put into a washing machine and washed, mold collapse was carried out and slippers were damaged. Moreover, since it also became the cause of damaging a washing machine with the mud adhering to sports shoes when it washed with washing machines, such as sports shoes, it was impossible to wash these with a washing machine.

[0003]

## [Problem(s) to be Solved by the Invention]

Although I, sports shoes, shoes, slippers, etc. were washed by hand using the brush etc., they took time and effort very much, and also became a hand dry area.

When RO and slippers were washed with a washing machine, mold collapse was carried out and slippers were damaged.

When Ha, sports shoes, etc. were washed with a washing machine, it also became the cause of damaging a washing machine with the mud adhering to sports shoes.

When it washed by NI and the hand, it did not become very much beautiful.

This invention is made in order to solve the above defect.

[0004]

[Means for Solving the Problem] Output port (4) which whose DOMITTO heart (1) is pinched, sews this to saccate, and has sewn a fastener on as a closing motion means between a network (5) which becomes a side front, and a network (6) which becomes inside is prepared. This invention is the string bag which can wash sports shoes which consist of the above configuration with a washing machine.

[0005]

[Embodiment of the Invention] What is necessary is to put in sports shoes etc. into this invention article, to supply to a washing machine, and just to usually perform wash of a passage, when using this invention. Then, since the DOMITTO heart (1) pinched between networks (5 6) has played the role of a cushion between shoes and laundry sink, it is said that it can wash without hurting shoes and one's laundry sink. Furthermore, since the mud adhering to shoes has the DOMITTO heart (1), in laundry sink, it does not come out out of a string bag (2) at all, and is not said that a washing machine is damaged.

[0006]

[Example] Hereafter, the example of this invention is described.

(b) When making this invention, sew to saccate after doubling the DOMITTO heart (1) with one side of the network (5) which becomes a side front and doubling further one side of the network (6) which becomes one side of the DOMITTO heart (1) inside, as shown in drawing 2.

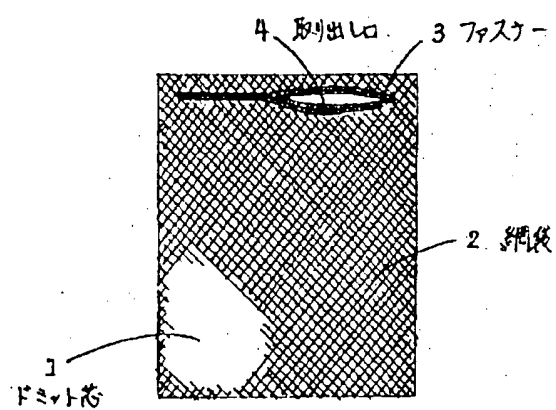
(b) And prepare the output port (4) which has sewn the fastener (3) on this string bag (2) as a closing motion means, and form like drawing 1.

This invention consists of the above configuration. This invention puts in sports shoes etc. into this invention article, feeds them into a washing machine, and should just usually perform wash of a passage. Then, since the DOMITTO heart (1) pinched between networks (5 6) has played the role of a cushion in between in shoes and laundry sink, it is said that it can wash without hurting shoes and one's laundry sink. Furthermore, since the mud adhering to shoes has the DOMITTO heart (1), in laundry sink, it does not come out out of a string bag (2) at all, and is not said that a washing machine is damaged. As a result, sports shoes etc. can be easily washed with a washing machine. In addition, neither the opening of a network nor the location of a form or open embarrassment is asked, and in a closing motion member, if they is objects which can be used for closing motion, such as a fastener side fastener and a carbon button, it will not be limited to it. Furthermore, the role of a cushion can be played also about cushion members pinched between networks, such as cloth and cotton, and if it is through and a cone thing about a moisture detergent etc., suppose that what kind of object may be used. The network (6) which becomes the inside other than the example described here is not used, and with two-layer structure with cushion members (1), such as a network (5) which becomes a side front, cloth, and cotton, if this effect is acquired, it will not interfere at all.

[0007]

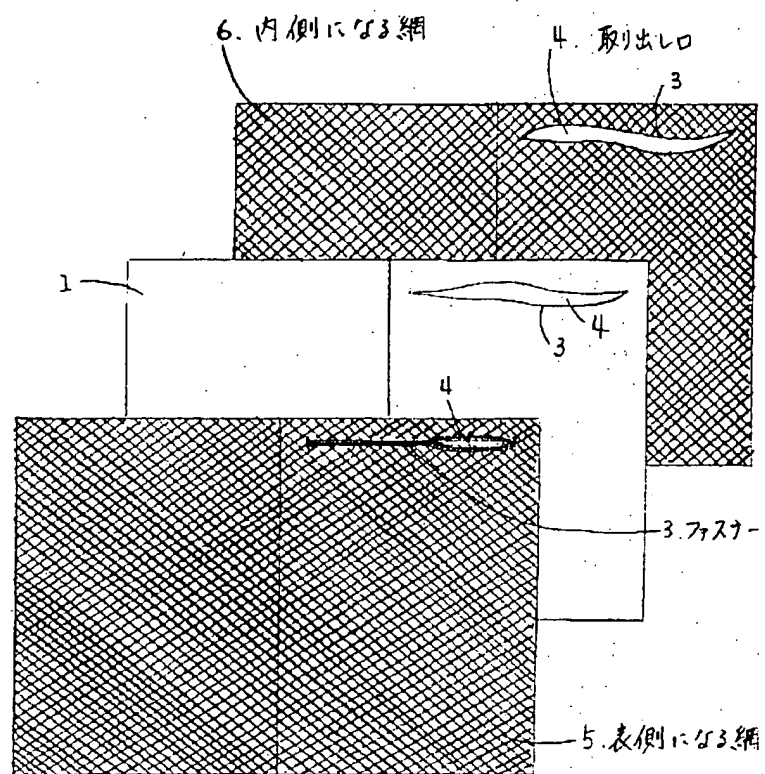
[Effect of the Invention] The same with washing clothing for the sports shoes which had to be washed by hand by using this invention using the brush etc., shoes, slippers, etc. with a washing machine, since it can wash easily, the old time and effort and the pain of shoes washing of a housewife are solved. And sports shoes, shoes, slippers, etc. and a washing machine are not necessarily damaged.

Drawing selection drawing 1



[Translation done.]

Drawing selection drawing 2



[Translation done.]

